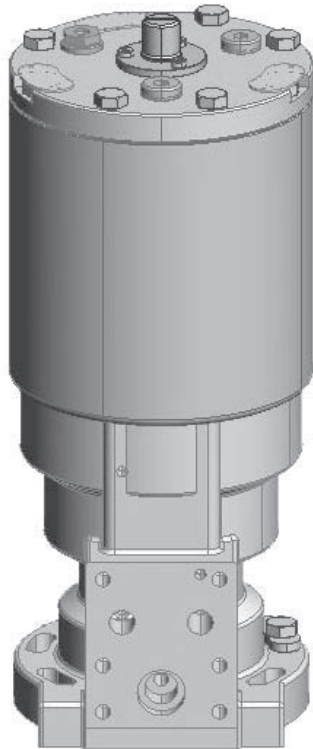


Damcos™ BRCF 500 - 90 bar

Hydraulic single-acting balanced rotary actuator 90°
(Quarter-turn) fail-safe

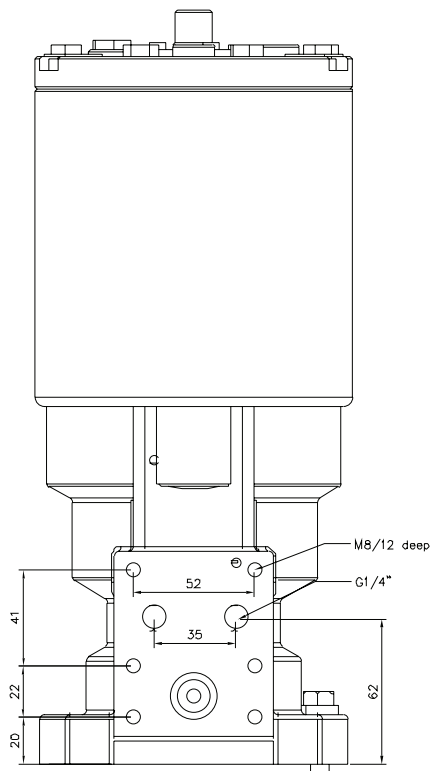


Main Data

Working pressure	90 bar
Burst test	675 bar
Total dry weight incl. mounting set (3.1 kg)	22.5 kg
Oil displacement	0.102 l
Temperature range	-20°C to +80°C
Rotation	90° ±1°
Hydraulic media and viscosities	We recommend acid-free hydraulic oil. Viscosity range: 15-200 cSt. For recommended brands and for other media than oil please refer to separate data sheet.

Main Dimensions

Actuator shown in closed (fail-safe) position



All dimensions in mm

Valve adaption:

Adjustment screw, torque: 6 Nm

7.5° 7.5°

Max. valve shaft intrusion: 55

Fastning nut, torque: 17 Nm

Approx. 5°

Adapter

Intermediate flange

Limits for the machining of the adapter. Other shapes on request, please contact DMS.

Shape			
Machined acc. to:	DIN 6885		DIN 79
mm (max.):	35		30

All dimensions in mm

Performance

Performance:

Torque

Nm

181 break away opening

102 end closing

0° closed

90° open

149 break away closing

129 end opening

Spring return

90 bar (normal working pressure)

Spring action

Hydraulic action

open

closed

Operation port (B)

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